

ABSTRACT OF THE DISCLOSURE

An information recording device includes a control unit and a memory interface unit. An ICV for each sector data of data to be stored in units of sectors is stored in the redundant part of each sector. An ECC and an ICV are stored in the redundant part of each sector, so that sector-unit ICV storage can be performed without reducing the storage capacity of the data part of the sector. processing that combines data parts by using the file system of a device can be performed similarly to conventional data combination processing that only combines data parts in which ones purely used as data are stored. The control unit does not have any load because only each sector which is regarded as valid (no interpolation) as a result of ICV checking is transmitted to the control unit, and the ICV checking is performed by the memory interface unit.

TOP SECRET